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Digital dentistry from 3D to 4 D and 5 D- a Prosthodontics Review

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Abstract:

In the past few years, the digital dentistry has overtaken the field of conventional procedures and techniques. Particularly in the field of dentistry, 3D printing has played an important role in the fabrication of removable dentures, prosthetic mock-ups, and trial prosthesis which all hold importance in restorative and esthetic daily clinical work. The digital dentistry has been revolutionized with the addition of 3D, 4D, and 5D printing. The objective of this review is to compare merits, usage and need for up gradation of printing from 3D-5D.

Data sources and Study Selection:

The literature was searched through various journals database like Google scholar, Pub med, Ebsco, Medline etc around 30 articles were selected on the following keywords 3D Printing, 4D Printing, 5D Printing, Prosthodontics Applications. Some articles were excluded from the study, so net 16 articles were included in this study. Selection was made on use of digital techniques and their application in Prosthodontics.

Keywords: 3D Printing, 4D Printing, 5D Printing, Prosthodontics Applications

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